

to 100 females. I very much hope to prove this suggestion through a longitudinal study throughout the period of flight of the species, but would appreciate additional information on other populations of *Zygaena*. It should be noted that huge, discrete populations, such as the one studied, may be among the most conducive to genetic abnormality. The possibility that a population-limiting factor is activated by density must be entertained.

Statistical Appendix

When the expected frequency of males to females is 0.50, we are faced with a binomial situation, which in view of the high number and high \emptyset may be transformed to a normal distribution. The significance test thus becomes:

$$\sqrt{\frac{h - 0.50}{\frac{h(1-h)}{N}}}$$

where h signifies the observed frequency, 0.50 the theoretical \emptyset frequency and N the sample size (HALD 1952).

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Notes and Observations

MYTHIMNA (ALETIA) L-ALBUM (L.) (L-ALBUM WAINSCOT) IN ESSEX.—In view of Dr Watkinson's note on this species (in *Ent. Rec.*, **85**: 268) it is perhaps worth mentioning the occurrence here of a ♀ and ♂ of *M. l-album* at m.v. light on 6th October 1972 and 8th October 1972 respectively. Although eggs were obtained they appear to have been infertile.—A. J. DEWICK, Curry Farm, Bradwell-on-Sea, Southminster, Essex.
 [Is this the first record of *l-album* for Essex, also its furthest north appearance in Britain?—Edit.]